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INVENTOR(S): YOSHIMURA, TAKASHI ET. AL.
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FIG. 1

$$H0 \xrightarrow{I \atop 5 \atop 5} O \xrightarrow{I \atop 5 \atop 5} CH_2 - CH - C - OH$$

$$H0 \xrightarrow{I \atop 5 \atop 5} NH_2 0$$

3, 5, 3', 5' -Tetraiodothyronine (Thyroxine, T_4)

$$\begin{array}{c|c} I & I \\ \hline \\ H0 & \hline \\ I & \\ \hline \\ I & \\ \end{array} \\ \begin{array}{c|c} CH_2 - CH - C - OH \\ I & II \\ NH_2 & O \\ \end{array}$$

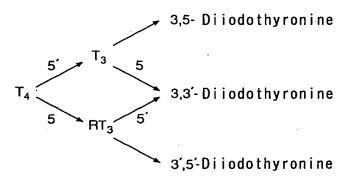
3, 5, 3' -Triiodothyronine (T_3)

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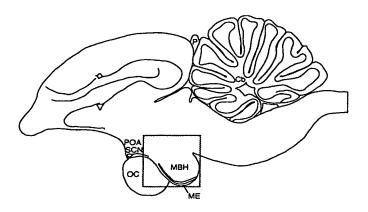
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F1G. 2



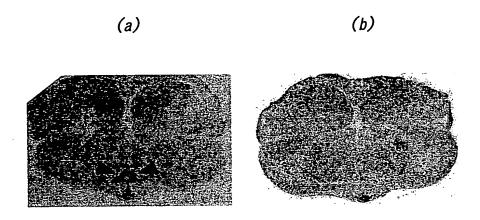
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FIG. 3



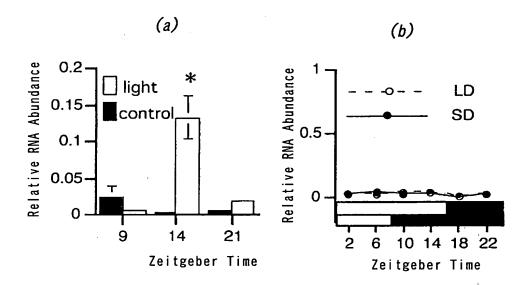
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FIG. 4



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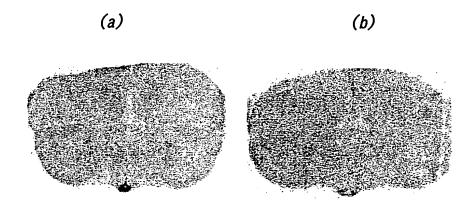
F1G. 5



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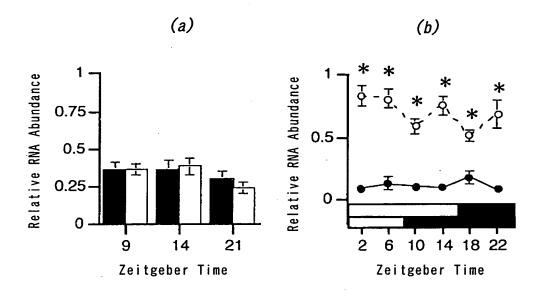
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F1G. 6



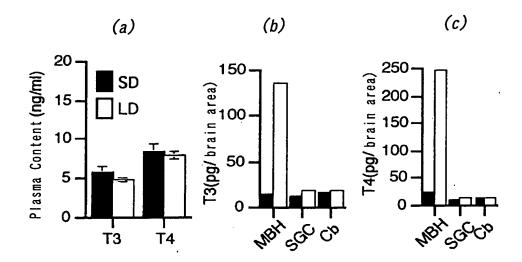
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FIG. 7



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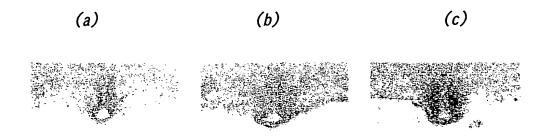
FIG. 8



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FIG. 9



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FIG. 10

